

SERIES OF HYBRID STEPPING MOTOR

混合式步进电机

86BYGH350 系列



基本参数 (General Specifications):

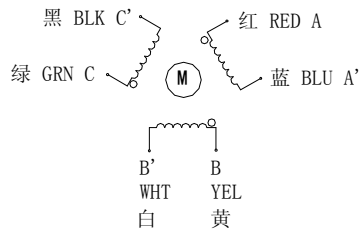
步距角 (Step Angle)	-----	1.2° / 0.6° (full step, half step)
步距角精度 (Step Accuracy)	-----	±3.5' (0.72°, no load)
电阻精度 (Resistance Accuracy)	-----	±10%
电感精度 (Inductance Accuracy)	-----	±20%
温升 (Temperature Rise)	-----	80°C Max (rated current, 2 phases on)
环境温度 (Ambient Temperature Range)	-----	-20°C ~ +50°C
绝缘电阻 (Insulation Resistance)	-----	500VDC 100MΩ Min
绝缘介电强度 (Dielectric Strength)	-----	750VAC 50Hz 1mA 1 Minute
绝缘等级 (Insulation Class)	-----	B 级 (130°C 级)
轴向变形 (Shaft Axial Play)	-----	0.08mm Max (450g Load)
径向跳动 (Shaft Radial Play)	-----	0.02mm Max (450g Load)
最大径向力 (Max. radial force)	-----	220N (20mm from the flange)
最大轴向力 (Max. axial force)	-----	60N
旋转方向 (Rotation)	-----	CW (See from flange)

主要参数 (Electrical Specifications):

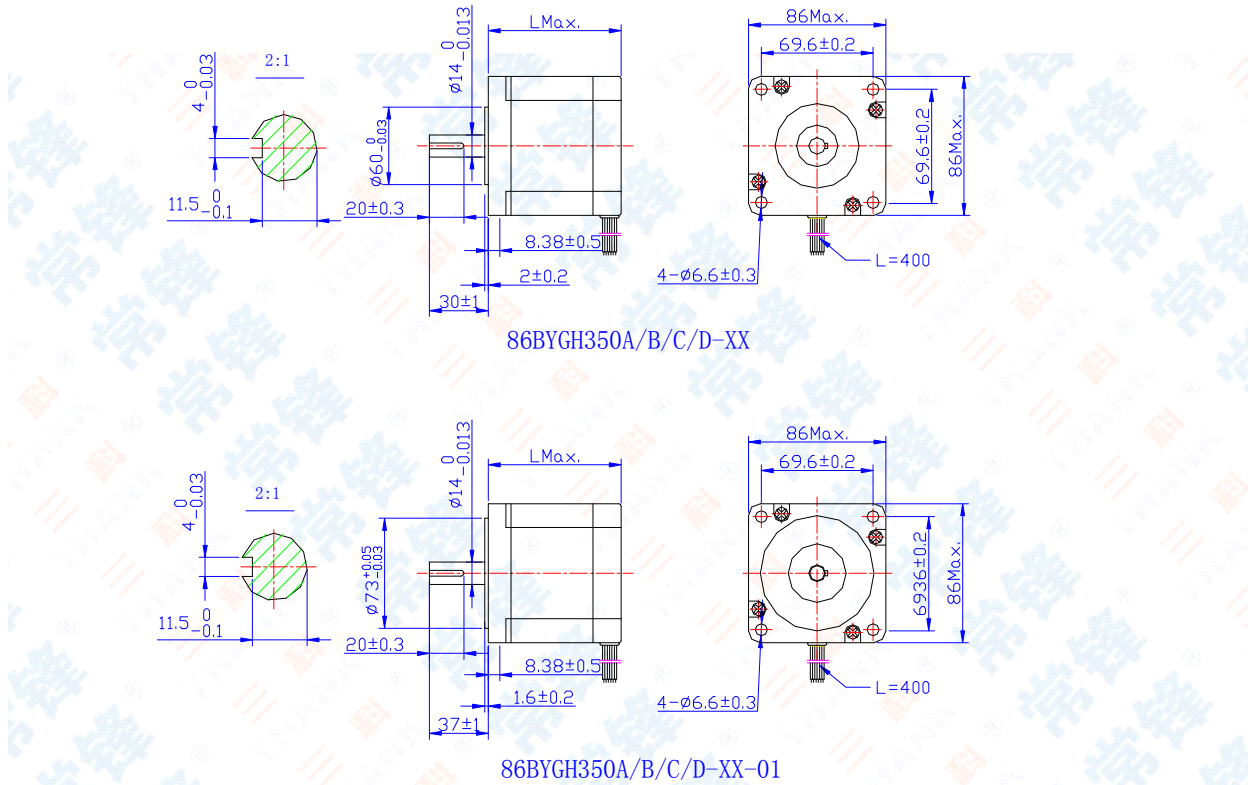
型 号 Model		相数 Phases	机身長 L Motor Length	保持转矩 Holding Torque	电压 Voltage	相电流 Current	转动惯量 Rotor Inertia	引出线数	重量 Weight
Φ60 止口	Φ73 止口		mm	N.m	VDC	A	Kg. cm ²		Kg
86BYGH350A-01	86BYGH350A-01-01	3	70	2.5	80-325	1.75	1.1	6	1.65
86BYGH350A-02	86BYGH350A-02-01	3	70	2.5	24-40	5.8	1.1	6	1.65
86BYGH350A-03	86BYGH350A-03-01	3	70	2.5	24-110	3	1.1	6	1.65
86BYGH350B-01	86BYGH350B-01-01	3	101	5.0	80-325	2	2.2	6	3.3
86BYGH350B-02	86BYGH350B-02-01	3	101	5.0	24-40	5.8	2.2	6	3.3
86BYGH350B-03	86BYGH350B-03-01	3	101	5.0	24-110	3	2.2	6	3.3
86BYGH350C-01	86BYGH350C-01-01	3	130	7.5	80-325	2.25	3.3	6	3.8
86BYGH350C-02	86BYGH350C-02-01	3	130	7.5	24-40	5.8	3.3	6	3.8
86BYGH350C-03	86BYGH350C-03-01	3	130	7.5	24-110	3	3.3	6	3.8
86BYGH350D-01	86BYGH350D-01-01	3	162.5	10.0	80-325	2.4	4.4	6	5.5
86BYGH350D-02	86BYGH350D-02-01	3	162.5	10.0	24-40	5.8	4.4	6	5.5
86BYGH350D-03	86BYGH350D-03-01	3	162.5	10.0	24-110	3	4.4	6	5.5

*以上产品为基本型，可根据用户要求订做派生：轴伸、电流、高低温、密封等

接线图 (Wiring Diagram):



外形图 (Dimensions):



运行矩频特性 (Pull-out Torque-pulse curve):

